

ABSTRACT

The invention relates to a pneumatic tire having excellent mechanical properties by using a rubber composition containing a polybutadiene rubber having a high cis-1,4 bond content, a low vinyl
5 bond content and proper number average molecular weight and molecular weight distribution, and more particularly to a pneumatic tire characterized in that a rubber composition including a polybutadiene with a cis-1,4 bond content of not less than 99.0% and a vinyl bond content of not more than 0.3% as measured by a Fourier
10 transform infrared spectroscopy is used in any one of tire members.